

## A NEW *MASTOGENIUS* (COLEOPTERA: BUPRESTIDAE) FROM JAMAICA<sup>1</sup>

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**ABSTRACT:** A new species of *Mastogenius* (*M. howdenorum*) is described from Jamaica, West Indies. The genus is widely scattered in the West Indies, but this is the first species from Jamaica.

A series of *Mastogenius* specimens given to me recently by Dr. H. Howden (Carleton University) proved to be undescribed. The species is similar to *M. coyolensis* Manley from Honduras.

### *Mastogenius howdenorum*

Manley, new species

(Figs. 1, 2 & 3)

**HOLOTYPE**, male: Elongate oval, shining, pronotum and elytra equally clothed with dense long whitish recumbent pubescence, dorsal surface uniformly aeneous, pronotum slightly brighter than elytra, ventral surface uniformly black, legs slightly reddish laterally, tarsi brownish-red.

**HEAD** slightly convex, faint shallow round depression on frons, surface coarsely punctate, clothed with recumbent hairs; eyes with inner margins parallel, not converging toward each other at apex; antenna serrate from fourth segment, extending beyond the pronotum, clothed with scattered hairs, segment four more than twice the length of segment three. **PRONOTUM** uniformly convex, wider than long, narrower at apex than at base, widest near middle; sides broadly arcuately diverging from apical angles to near middle, then obliquely converging to posterior humeral angles; anterior margin slightly broadly emarginate; posterior margin truncate, straight; marginal and submarginal carina more widely separated near middle of pronotum, marginal carina not reaching anterior border of pronotum, sloping almost to submarginal carina and ending just prior to anterior margin of pronotum; surface uniformly, densely punctate; densely clothed with moderately long white setae.

**SCUTELLUM** black, triangular, and smooth.

**ELYTRA** convex, slightly flattened along median suture, as wide as pronotum at base; sides nearly parallel from humeral angles to near middle, then arcuately converging to tips, which are truncate; oblique transverse depression near bases; surface irregularly punctate, crenulate, densely clothed with relatively long white setae.

**UNDERSIDES** uniformly black, convex, punctate; abdomen clothed with scattered recumbent white setae; last sternite punctate, truncate at apices, clothed with scattered setae of various lengths; prosternum punctate, scattered hairs most common near the middle, without antennal grooves; posterior margin of hind coxal plates strongly sinuate, inner margin wider than external margin.

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SIZE: length, 2.6 mm; width, 1.1 mm (humeri).

ALLOTYPE, female: no significant differences were observed except the female has shorter antennae, not extending beyond the pronotum.

TYPES: Holotype male, Jamaica, Try. Duncans, VII-19-1966, A.T. Howden (HAHC, Ottawa). Allotype female and 3 male paratypes collected at the same locality and date as the holotype. Paratypes in Howden and Manley collections.

This species is similar to *M. coyolensis* Manley from Honduras and keys to the species in Manley, 1987. *Mastogenius howdenorum* differs from *M. coyolensis* in the following ways: *M. howdenorum* is smaller and less elongate, the pronotum is more uniformly rounded on lateral margins and widest at or just behind the middle, the disk of the pronotum is more uniformly convex, and the species is more densely pubescent on both the pronotum and elytra.

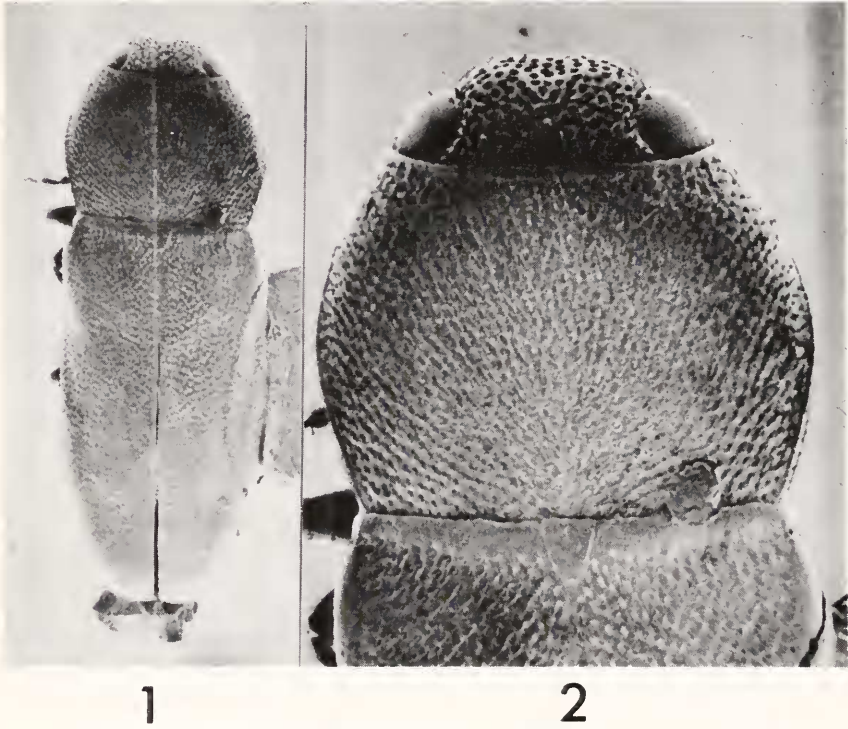
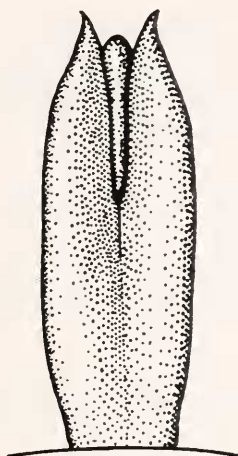


Figure 1-2. Dorsal view and pronotum, *Mastogenius howdenorum*.



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Figure 3. Dorsal view of male genitalia, *Mastogenius howdenorum*.

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#### LITERATURE CITED

- Manley, G.V. 1987. New species of *Mastogenius* (Buprestidae: Coleoptera) from Central America with notes and a key to species of Central and South America. *Ent. News.* 98(1): 1-9.